

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
2	49	(US-20060195237-\$ or US-20060229773-\$ or US-20070293996-\$ or US-20020143461-\$ or US-20060190124-\$ or US-20070137548-\$ or US-20030052529-\$ or US-20050159852-\$ or US-20060235609-\$ or US-20060249321-\$ or US-20070150133-\$ or US-20080087186-\$.did. or (US-6292725-\$ or US-6480769-\$ or US-6226572-\$ or US-6393362-\$ or US-6799100-\$ or US-5277117-\$ or US-5719762-\$ or US-6095078-\$ or US-7350475-\$ or US-4243127-\$ or US-4243126-\$ or US-4113076-\$ or US-6239741-\$ or US-5929363-\$ or US-5856629-\$ or US-4972776-\$ or US-5007496-\$ or US-5238298-\$ or US-5437230-\$ or US-5505155-\$ or US-5513591-\$ or US-5673645-\$ or US-5737279-\$ or US-6046963-\$ or US-6108031-\$ or US-6158370-\$.did. or (US-6470989-\$ or US-6502016-\$ or US-6616244-\$ or US-6674691-\$ or US-6766745-\$ or US-6802236-\$ or US-7296530-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/01/13 11:56

		7337865-\$ or US- 5647647-\$ or US- 6038502-\$ or US- 4773298-\$).did.				
S3	65	(US-20020084127-\$ or US-20010056544- \$ or US- 20040112662-\$ or US-20040090117-\$ or US-20020017412- \$).did. or (US- 5923270-\$ or US- 6778097-\$ or US- 6668157-\$ or US- 6587772-\$ or US- 6480769-\$ or US- 6226572-\$ or US- 6195610-\$ or US- 6148255-\$ or US- 4885690-\$ or US- 5917405-\$ or US- 7146264-\$ or US- 6148257-\$ or US- 6076032-\$ or US- 6012009-\$ or US- 5101689-\$ or US- 5001900-\$ or US- 4853857-\$ or US- 6907336-\$ or US- 6799100-\$ or US- 6539294-\$ or US- 6502016-\$ or US- 6484078-\$ or US- 6321147-\$ or US- 6292725-\$ or US- 6038502-\$ or US- 5386364-\$).did. or (US-4556940-\$ or US-5794735-\$ or US- 4656876-\$ or US- 4588932-\$ or US- 4098144-\$ or US- 3659378-\$ or US- 6681157-\$ or US- 5192903-\$ or US- 5164648-\$ or US- 4996468-\$ or US- 4846283-\$ or US- 4768636-\$ or US- 4554498-\$ or US- 4162869-\$ or US- 3873902-\$ or US- 6943516-\$ or US- 3990589-\$ or US- 6604592-\$ or US-	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/01/13 11:56

		6138575-\$ or US-5482134-\$ or US-5335951-\$ or US-4395191-\$ or US-6932441-\$ or US-5592777-\$ or US-6450281-\$).did. or (US-2984512-\$ or US-2170981-\$ or US-3004800-\$ or US-3463919-\$ or US-3068716-\$ or US-3090459-\$ or US-3088605-\$).did. or (JP-63308611-\$).did. or (US-6404158-\$). did.				
S4	341429	vehicle same (obstacle object)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 11:58
S5	2101	((speed near4 (transmission (driv\$3 adj power))) same (speed near4 vehicle)) same (halt \$3 stop\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 12:01
S6	15612	(unmanned driverless operatorless (self \$propell\$3)) near2 (vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 12:03
S7	8	(S2 S3) and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 12:03
S8	0	(S1) and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 12:09
S9	5382	S4 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 12:10

S10	42	S9 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 12:10
S11	16030	(unmanned driverless operatorless (self \$propell\$3)) near2 (vehicle transport)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 12:11
S12	23730	((driv\$3 push\$3) near2 (against oppos \$3)) with (obstacle object body block bump hump)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 12:15
S13	678	((driv\$3 push\$3) near2 (against oppos \$3)) with ((obstacle object body block bump hump) near3 (stationary fixed immobile motionless parked permanent stable standing static unmov\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 12:16
S16	160	S13 and (vehicle transport)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 12:20
S18	17929	((driv\$3 push\$3 run \$4) near2 (against)) with (obstacle object body block bump)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 13:22
S19	6911	((driv\$3 push\$3 run \$4) near2 (against)) near3 (obstacle object body block bump)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 13:22
S20	52	((driv\$3 push\$3 run \$4) near2 (against)) near3 ((obstacle object body block bump) near2 (stationary (fix\$3 adj position) standing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 13:25
S21	2987	((automatic self) near2 (stop\$4)) same (vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 13:32

S22	2398	((automatic self) near2 (stop\$4)) with (vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 13:36
S23	678	((((automatic self) near2 (stop\$4)) with (vehicle)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 13:37
S24	392	((((automatic self) adj (stop\$4)) with (vehicle)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 13:37
S25	23	S24 and (S2 S3 S4 S5 S6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 13:38
S26	30	(driv\$3 near1 against near1 obstacle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 13:49
S27	11	("3870939" "3941202" "3974778" "4245715" "4284160" "4288121" "4520889" "4613804" "5036935").PN. OR ("5211115").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/13 14:13
S28	366	((((speed near4 (transmission (driv\$3 adj power))) with (speed near4 vehicle)) with (ratio)) same (halt\$3 stop\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 10:58
S29	144	S28 and (traction tractive resistance (tractive adj resistance))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 11:00
S31	50	((stopping halt stop) near1 (vehicle)) near4 ((transmission motor) near4 (ratio))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 12:45

S32	100	((stopping halt stop) near1 (vehicle)) near4 (slippage slipping traction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 12:53
S35	5	((stopping halt stop)) near4 (tractive near5 resistance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 12:54
S36	240	(tractive adj resistance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 12:56
S37	134	S36 and vehicle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 12:56
S42	12	((object vehicle car) near3 (colli\$5)) same (stop\$4 halt\$3 creep\$3 crawl\$3)) and (((engine transmission gear) with (velocity speed)) same (vehicular adj (velocity speed)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 09:40
S43	7045	((vehicle truck tractor car)) same (stop\$4 halt\$3 creep\$3 crawl\$3)) and (((engine transmission gear) with (velocity speed)) same ((vehicular vehicle) adj (velocity speed)) same (exceed\$3 greater less more higher lower compar\$4 (predetermin\$2 adj value)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 09:46

S44	6065	((vehicle truck tractor car)) same (stop\$4 halt\$3 creep \$3 crawl\$3)) and (((engine transmission gear) with (velocity speed)) with ((vehicular vehicle) adj (velocity speed)) same (exceed\$3 greater less more higher lower compar \$4 (predetermin\$2 adj value)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 09:47
S45	3884	((vehicle truck tractor car)) same (stop\$4 halt\$3 creep \$3 crawl\$3)) and (((engine transmission gear) with (velocity speed)) with ((vehicular vehicle) adj (velocity speed)) with (exceed\$3 greater less more higher lower compar \$4 (predetermin\$2 adj value)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 09:47
S46	1416	((vehicle truck tractor car)) same (stop\$4 halt\$3 creep \$3 crawl\$3)) same (((engine transmission gear) with (velocity speed)) with ((vehicular vehicle) adj (velocity speed)) with (exceed\$3 greater less more higher lower compar \$4 (predetermin\$2 adj value)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 09:47

S47	838	((vehicle truck tractor car)) same (stop\$4 halt\$3 creep \$3 crawl\$3)) with ((engine transmission gear) with (velocity speed)) with ((vehicular vehicle) adj (velocity speed)) with (exceed\$3 greater less more higher lower compar \$4 (predetermin\$2 adj value)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 09:47
S48	838	((vehicle truck tractor car)) with (stop\$4 halt\$3 creep \$3 crawl\$3)) with ((engine transmission gear) with (velocity speed)) with ((vehicular vehicle) adj (velocity speed)) with (exceed\$3 greater less more higher lower compar \$4 (predetermin\$2 adj value)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 09:47
S49	434	((vehicle truck tractor car)) with (stop\$4 halt\$3 creep \$3 crawl\$3)) with ((engine transmission gear) with (velocity speed)) near6 ((vehicular vehicle) adj (velocity speed)) with (exceed\$3 greater less more higher lower compar \$4 (predetermin\$2 adj value)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 09:48

S50	339	((vehicle truck tractor car)) with (stop\$4 halt\$3 creep \$3 crawl\$3)) with (((engine transmission gear) near4 (velocity speed)) near6 ((vehicular vehicle) adj (velocity speed)) with (exceed\$3 greater less more higher lower compar \$4 (predetermin\$2 adj value)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 09:48
S51	42	((vehicle truck tractor car)) with (stop\$4 halt\$3 creep \$3 crawl\$3)) with (((engine transmission gear) near4 (velocity speed)) near6 ((vehicular vehicle) adj (velocity speed)) with (exceed\$3 greater less more higher lower compar \$4 (predetermin\$2 adj value)) same (ratio))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 09:50
S52	312	((vehicle truck tractor car) with (stop\$4 halt\$3 creep \$3 crawl\$3)) with (((engine transmission gear) near4 (velocity speed)) near4 ((vehicular vehicle) adj (velocity speed)) with (exceed\$3 greater less more higher lower compar \$4 (predetermin\$2 adj value)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 10:04

S53	119	((vehicle truck tractor car) near2 (stop\$4 halt\$3 creep \$3 crawl\$3)) with (((engine transmission gear) near4 (velocity speed)) near4 ((vehicular vehicle) adj (velocity speed)) with (exceed\$3 greater less more higher lower compar \$4 (predetermin\$2 adj value)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 10:05
S54	76	((vehicle truck tractor car) near2 (stop\$4 halt\$3 creep \$3 crawl\$3)) with (((engine transmission gear) near4 (velocity speed)) near4 ((vehicular vehicle) adj (velocity speed)) near4 (exceed\$3 greater less more higher lower compar \$4 (predetermin\$2 adj value)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 10:05
S56	1077	((vehicle truck tractor car) adj (stop \$4 halt\$3)) near5 (collide crashed (plow adj into) smash \$2 strik\$2 collision contact impact))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 10:27
S57	8	((unman\$3 driverless ugv automatic operatorless) near2 (vehicle truck tractor car) adj (stop\$4 halt \$3)) near5 (collide crashed (plow adj into) smash\$2 strik \$2 collision contact impact))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 10:30

S60	73	((unman\$3 driverless ug automatic operatorless) near2 (vehicle truck tractor car)) with ((transmission gear engine tire) near3 (overload\$3 wear damage deterioration tear)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 10:38
S61	11	("3870939" "3941202" "3974778" "4245715" "4284160" "4288121" "4520889" "4613804" "5036935").PN. OR ("5211115").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 10:50
S62	39	("3817344" "4042058" "4108269" "4284160" "4546840" "4847774" "4918362").PN. OR ("5036935").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 10:57
S63	21	("3147817" "3411603" "3474877" "3495677" "3742507" "3768586").PN. OR ("4108269").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 12:14
S64	6	("5036935" "5048637" "5327990").PN. OR ("5577569").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 12:17
S66	21	(flip\$3 near3 vehicle) with (stop\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 12:21
S67	42	((overturned (over \$turn\$2) (over adj turn\$2)) near3 vehicle) with (stop \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 12:29

S68	1448	((prevent avoid protect) near3 (overheat\$3 overload \$3 wear tear)) near4 (transmission tire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 12:33
S69	146547	(vehicle vehicular) near2 (speed velocity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 12:34
S70	150	S68 and S69	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 12:34
S71	150	S70 and (vehicle agv unmanned driverless operatorless automatic truck)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 12:35
S72	87	S71 and (stop\$3 halt \$3 shutdown)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 12:36
S73	40	("3237313" "3349308" "3365634" "3424966" "3448360" "3455411" "3485316" "3500375" "3511329" "3564368" "3599154").PN. OR ("3941202").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 13:24
S74	15	("3350612" "3523232").PN. OR ("3870939").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 13:24
S75	12271	(stop\$4) near2 (accurate\$2 accurate\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 13:28
S76	3909	S75 and (vehicle agv unmanned driverless operatorless automatic truck)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 13:30

S77	672	((stop\$4) near2 (accurate\$2 accurate\$2)) with (vehicle agv unmanned driverless operatorless automatic truck)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 13:30
S78	343	((stop\$4) near2 (accurate\$2 accurate\$2)) near3 (vehicle agv unmanned driverless operatorless automatic truck)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 13:31
S80	102	S78 and S69	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 13:32
S81	18	((stop\$4) near2 (accurate\$2 accurate\$2)) near3 ((agv unmanned driverless operatorless automatic) near2 (vehicle truck))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 13:36
S82	9	((stop\$4) near2 (precis\$4)) near3 ((agv unmanned driverless operatorless automatic) near2 (vehicle truck))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:52
S83	12	((stop\$4) near2 (precis\$4 accurate\$2 accuracy)) near3 (vehicle truck)) with (push struck against lean stopper obstacle stationary)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 15:00
S87	1341	((free\$4run\$3 (free \$2 adj running)) with (wheel tire))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 15:29
S88	50	((free\$4run\$3 (free \$2 adj running)) with (wheel tire)) with (stop\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 15:29

S89	1982	((free\$4run\$3 (free \$2 adj running) slip \$3) with (wheel tire)) with (stop\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 15:30
S91	7	((load\$3 transport \$3) with (unload\$)) with (mine near2 (vehicle truck))	USPAT	OR	ON	2009/01/16 14:46
S92	7	((load\$3 transport \$3) same (unload\$)) with (mine near2 (vehicle truck))	USPAT	OR	ON	2009/01/16 14:49
S93	12332	((load\$3 transport \$3) same (unload\$)) same (vehicle truck)	USPAT	OR	ON	2009/01/16 14:49
S94	444	S93 and ((min\$4 load \$3) near2 site)	USPAT	OR	ON	2009/01/16 14:50
S95	38	S94 and (unmanned driverless operatorless (self \$propell\$3)) near2 (vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 14:50
S96	3791	(wheel adj loader)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 15:00
S97	6290	(load\$3 unload\$3) adj (place site)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 15:00
S98	40	S96 and S97	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 15:01
S99	48503	(transport\$3 near2 vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 15:12
S100	101	S96 and S99	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 15:12

1/16/2009 4:22:47 PM

C:\Documents and Settings\skong\My Documents\EAST\Workspaces\20080523_10550605
Arrangement in connection with unmanned mine V update 20090113.wsp